## **CLAIMS**

1. Compounds of the general formula (I):

**(I)** 

5 in which:

X = O or S;

R1 is chosen from:

-Alk-COOH,

-Alk-C(=O)-(O)<sub>m</sub>-Ar,

10  $-Alk-C(=O)-(O)_m-Het$ ,

 $-Alk-C(=O)-(O)_m-Alk,$ 

-Alk-C(=O)-(O)<sub>m</sub>-cycloalkyl,

-Alk-C(=O)NRR',

 $-Alk-(O)_m-Ar$ ,

15 -Alk-O-Alk,

-Alk-O-Alk-Ar,

-Alk-O-Het;

R2 is chosen from -OH, -OAlk, -NR7R8, -OAr, -OHet and -O-cycloalkyl;

20 R7 is chosen from H and -Alk;

R8 is chosen from

-H;

-Alk' or -cycloalkyl,

in which Alk' or cycloalkyl is optionally substituted by one or more groups chosen from -OAlk, -CN, -OHet, -OH, -C(=O)-(O)<sub>m</sub>Alk, -C(=O)-(O)<sub>m</sub>Ar, -C(=O)-(O)<sub>m</sub>Het, -C(=O)-(O)<sub>m</sub>-cycloalkyl, -COOH and -NO<sub>2</sub>;

-Ar' or Het',

in which Ar' or Het' is optionally substituted by one or more groups chosen from Hal, -OAlk, -OH, -Alk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -AlkAr, -COOH -NRR', -Het, -C(=O)-(O)<sub>m</sub>Alk, -C(=O)-(O)<sub>m</sub>Ar, -C(=O)-(O)<sub>m</sub>Het, -C(=O)-(O)<sub>m</sub>-cycloalkyl and NO<sub>2</sub>;

or R7 and R8 form, together with the nitrogen atom to which they are attached, a nitrogenous heterocycle of 5 to 10 atoms;

R3, R4, R5 and R6, which may be identical or different, are chosen independently from H, -Hal, -OH, -Alk, -OAlk, -CN, -CF<sub>3</sub>, -NRR' and -NO<sub>2</sub>;

in which, in the definitions of R1-R8:

each of the Alk, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -COOH, -NRR', -C(=O)-(O)<sub>m</sub>Alk, -Het and -NO<sub>2</sub>;

each of the Ar, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Alk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -AlkAr, -COOH, -C(=O)-(O)<sub>m</sub>Alk, -Alk-C(=O)-(O)<sub>m</sub>Alk, -NRR', -Het, -NO<sub>2</sub>, -S(O)<sub>n</sub>-Ar and -S(O)<sub>n</sub>Alk;

R and R' are chosen independently from H and Alk;

m = 0 or 1;

n = 0, 1 or 2;

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and also the stereoisomers thereof, and the racemates and pharmaceutically acceptable salts thereof,

with the exception of the compounds for which:

- R1 = CH<sub>2</sub>-phenyl, optionally substituted by -NO<sub>2</sub> or -OMe,
   R2 = -OMe, -OEt or -OH, R3, R6 = H, R4, R5 = H or -OMe,
   X = O or S, or
  - 2) R1 = -CH<sub>2</sub>-C(=O)Me, R3, R4, R5, R6 = H, X = O and R2 = -OEt or X = S and R2 = -OMe;
  - 3) R1 =  $-CH_2-CO_2Et$ , R2 = -OEt, R3, R4, R6 = H, X = O and R5 =  $-NH_2$  or  $-NO_2$ ; or R1 =  $-CH_2-CO_2Me$ , R3, R4, R5, R6 = H, R2 = -OMe and X = O or S, or R2 = -OH and X = S; or

 $R1 = -CH_2CO_2H$ , R3, R4, R5, R6 = H, R2 = OH and X = S;

4) R1 = -CH<sub>2</sub>-phenyl, R2 = -NH<sub>2</sub>, X = O, S and R5 = -OMe, or X = O and R5 = phenyl.

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2. Compounds of the general formula (I) according to Claim 1, in which:

R2 = -OEt and X = S, and

R1 is chosen from:

-Alk-COOH,

10  $-Alk-C(=O)-(O)_m-Ar$ ,

-Alk-C(=O)-(O) $_{m}$ -Het,

 $-Alk-C(=O)-(O)_m-Alk,$ 

-Alk-C(=O)-(O)<sub>m</sub>-cycloalkyl,

-Alk-C(=O)NRR',

 $-Alk-(O)_m-Ar$ 

-Alk-O-Alk,

-Alk-O-Alk-Ar,

-Alk-O-Het,

R3, R4, R5 and R6, which may be identical or different, are chosen independently from H, -Hal, -OH, -Alk, -OAlk, -CN, -CF<sub>3</sub>, -NRR' and -NO<sub>2</sub>;

in which, in the definitions of R1-R8:

each of the Alk, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -COOH, -NRR', -C(=O)-(O)<sub>m</sub>Alk, -Het and -NO<sub>2</sub>;

in which each of the Ar, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Alk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -AlkAr, -COOH, -C(=O)-(O)<sub>m</sub>Alk, -Alk-C(=O)-(O)<sub>m</sub>Alk, -NRR', -Het, -NO<sub>2</sub>, -S(O)<sub>n</sub>-Ar and -S(O)<sub>n</sub>Alk;

R and R' are chosen independently from H and Alk;

m = 0 or 1;

n = 0, 1 or 2;

and also the stereoisomers thereof, and the racemates and pharmaceutically acceptable salts thereof.

3. Compounds of the general formula (I) according to Claim 1, in which:

X = O or S;

R1 is chosen from:

5 -Alk-COOH,

 $-Alk-C(=O)-(O)_m-Ar$ 

-Alk-C(=O)-(O) $_{m}$ -Het,

 $-Alk-C(=O)-(O)_m-Alk$ 

-Alk-C(=O)-(O)<sub>m</sub>-cycloalkyl,

10 -Alk-C(=O)NRR',

 $-Alk-(O)_m-Ar$ ,

-Alk-O-Alk,

-Alk-O-Alk-Ar,

-Alk-O-Het;

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R2 = -NR7R8 in which

R7 is chosen from H and -Alk;

R8 is chosen from

-Alk' or -cycloalkyl,

in which Alk' or cycloalkyl is optionally substituted by one or more groups chosen from -OAlk, -CN, -OHet, -OH, -C(=O)-(O)<sub>m</sub>Alk, -C(=O)-(O)<sub>m</sub>Ar, -C(=O)-(O)<sub>m</sub>Het, -C(=O)-(O)<sub>m</sub>cycloalkyl, -COOH and -NO<sub>2</sub>;

-Ar' or Het';

in which Ar' or Het' is optionally substituted by one or more groups chosen from Hal, -OAlk, -OH, -Alk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -AlkAr, -COOH -NRR', -Het, -C(=O)-(O)<sub>m</sub>Alk, -C(=O)-(O)<sub>m</sub>Ar, -C(=O)-(O)<sub>m</sub>Het, -C(=O)-(O)<sub>m</sub>cycloalkyl and NO<sub>2</sub>;

R3, R4, R5 and R6, which may be identical or different, are chosen indepen-30 dently from H, -Hal, -OH, -Alk, -OAlk, -CN, -CF<sub>3</sub>, -NRR' and -NO<sub>2</sub>;

in which each of the Alk, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -COOH, -NRR', -C(=O)-(O)<sub>m</sub>Alk, -Het and -NO<sub>2</sub>;

in which each of the Ar, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -HaI, -OAlk, -Alk, -Ar, -OAlkAr, -OH, -CN, -OAr, -CF<sub>3</sub>, -AlkAr, -COOH, -C(=O)-(O)<sub>m</sub>Alk, -Alk-C(=O)-(O)<sub>m</sub>Alk, -NRR', -Het, -NO<sub>2</sub>, -S(O)<sub>n</sub>-Ar and -S(O)<sub>n</sub>Alk;

5 R and R' are chosen independently from H and Alk;

m = 0 or 1;

n = 0, 1 or 2;

X = O or S;

R1 is chosen from:

10 -Alk-COOH,

 $-Alk-C(=O)-(O)_m-Ar$ 

-Alk-C(=O)-(O)<sub>m</sub>-Het,

 $-Alk-C(=O)-(O)_m-Alk$ 

-Alk-C(=O)-(O)<sub>m</sub>-cycloalkyl,

-Alk-C(=O)NRR'

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-Alk-(O)<sub>m</sub>-Ar,

-Alk-O-Alk,

-Alk-O-Alk-Ar,

-Alk-O-Het;

- and also the stereoisomers thereof, and the racemates and pharmaceutically acceptable salts thereof,
  - 4. Compounds of the formula (I) according to any one of the preceding claims, in which R3, R4, R5, R6 = H.
  - 5. Compounds of the formula (I) according to any one of the preceding claims, in which X = S.
- 6. Compounds of the formula (I) according to any one of the preceding claims, in which R2 = -OAlk.
  - 7. Compounds of the formula (I) according to any one of the preceding claims, in which m = 0.

8. Compounds of the formula (I) according to any one of the preceding claims, in which R2 = -NR7R8,

in which

R7 = H or Alk and

R8 = -Alk' optionally substituted by -C(=O)-OAlk, -Het', -Ar' optionally substituted by -Hal, -C(=O)OAlk or -Alk-C(=O)OAlk.

9. Compounds of the formula (I) according to any one of the preceding claims, in which:

R1 = -CH<sub>2</sub>-COOH, -CH<sub>2</sub>-C(=O)-(O)<sub>m</sub>-Ar, -CH<sub>2</sub>-C(=O)-(O)<sub>m</sub>-Het, -CH<sub>2</sub>-C(=O)-(O)<sub>m</sub>-Alk, -CH<sub>2</sub>-C(=O)NRR', -CH<sub>2</sub>-(O)<sub>m</sub>-Ar, -CH<sub>2</sub>-O-Alk, -CH<sub>2</sub>-O-Alk-Ar or -CH<sub>2</sub>-O-Het in which

Ar is optionally substituted by one or more groups chosen from Hal, -OAlk, -Ar, -Alk, -O-Alk-Ar, -C(=O)-(O)<sub>m</sub>-Alk, -Alk-C(=O)-(O)<sub>m</sub>Alk, -S(O)<sub>n</sub>-Ar, -S(O)<sub>n</sub>-Alk, -O-CF<sub>3</sub>, -CN and -OH,

in which m = 0 or 1, n = 2.

10. Compounds of the formula (I) according to any one of the preceding Claims 1 to 8, in which R1 =  $-CH_2-C(=O)-Ar$ ,  $-CH_2-C(=O)-Alk$  or  $-(CH_2)_m'-(O)_m-Ar$ , in which

Ar is optionally substituted by one or more groups chosen from Hal, -OAlk, -Ar, -Alk, -O-Alk-Ar, -C(=O)-(O)<sub>m</sub>-Alk, -Alk-C(=O)-(O)<sub>m</sub>Alk, -S(O)<sub>n</sub>-Ar, -S(O)<sub>n</sub>-Alk, -O-CF<sub>3</sub>, -CN and -OH,

in which m = 0 or 1, m' = 1 or 2, n = 2.

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- 11. Compounds of the formula (I) according to Claim 10, in which m' = 2 if m = 1.
- 12. Compounds of the formula (I) according to any one of the preceding claims, in which Ar = phenyl.

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13. Compounds of the formula (I) according to any one of the preceding claims, in which  $R1 = -CH_2-C(=O)$  Alk.

- 14. Compounds of the formula (I) according to Claim 13, in which Alk = -CMe<sub>3</sub>.
- 15. Compounds of the formula (I) according to any one of Claims 1 to 12, in which R1 = -CH<sub>2</sub>-C(=O)-phenyl or -CH<sub>2</sub>-phenyl, in which phenyl is optionally substituted by one or more groups chosen from -Hal, -OAlk and -CN.
  - 16. Compounds according to any one of the preceding claims, chosen from:
  - ethyl 3-[2-(4-chlorophenyl)-2-oxoethoxy]benzo[b]thiophene-2-carboxylate;
- 10 ethyl 3-(2-oxo-2-phenylethoxy)benzo[b]thiophene-2-carboxylate;
  - ethyl 3-[2-(2-methoxyphenyl)-2-oxoethoxy]benzo[b]thiophene-2-carboxylate;
  - ethyl 3-(2-biphenyl-4-yl-2-oxoethoxy)benzo[b]thiophene-2-carboxylate;
  - ethyl 3-(2-oxo-2-p-tolylethoxy)benzo[b]thiophene-2-carboxylate;
  - ethyl 3-(2-adamantan-1-yl-2-oxoethoxy)benzo[b]thiophene-2-carboxylate;
- ethyl 3-[2-(4-fluorophenyl)-2-oxoethoxy]benzo[b]thiophene-2-carboxylate;
  - ethyl 3-[2-(3-methoxyphenyl)-2-oxoethoxy]benzo[b]thiophene-2-carboxylate;
  - ethyl 3-[2-(4-benzyloxyphenyl)-2-oxoethoxy]benzo[b]thiophene-2-carboxylate;
  - ethyl 3-(1-methyl-2-oxo-2-phenylethoxy)benzo[b]thiophene-2-carboxylate;
  - ethyl 3-[2-(2,4-dimethoxyphenyl)-2-oxoethoxy]benzo[b]thiophene-2-carboxylate;
- 20 ethyl 3-(3,3-dimethyl-2-oxobutoxy)benzo[b]thiophene-2-carboxylate;
  - ethyl 3-(2-naphthalen-2-yl-2-oxoethoxy)benzo[b]thiophene-2-carboxylate;
  - ethyl 3-[2-(2,3-dichloro-4-methoxyphenyl)-2-oxoethoxy]benzo[b]thiophene-2-car-boxylate;
  - ethyl 3-[2-(2-benzyloxy-5-fluorophenyl)-2-oxoethoxy]benzo[b]thiophene-2-carboxy-
- 25 late;
  - ethyl 3-hydroxybenzo[b]thiophene-2-carboxylate;
  - ethyl 3-[2-(4-fluorophenoxy)ethoxy]benzo[b]thiophene-2-carboxylate;
  - ethyl 3-phenethyloxybenzo[b]thiophene-2-carboxylate;
  - ethyl 3-(2-phenoxyethoxy)benzo[b]thiophene-2-carboxylate;
- 30 ethyl 3-[2-(4-cyanophenoxy)ethoxy]benzo[b]thiophene-2-carboxylate;
  - ethyl 3-{2-[4-(2-methoxycarbonylethyl)phenoxy]ethoxy}benzo[b]thiophene-2-car-
  - boxylate;
  - ethyl 3-[2-(naphthalen-1-yloxy)ethoxy]benzo[b]thiophene-2-carboxylate;

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ethyl 3-[2-(2-methoxyphenoxy)ethoxy]benzo[b]thiophene-2-carboxylate;
     ethyl 3-[2-(2,3-dimethylphenoxy)ethoxy]benzo[b]thiophene-2-carboxylate;
     ethyl 3-(2'-cyanobiphenyl-4-ylmethoxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(2-hydroxy-3-phenoxypropoxy)benzo[b]thiophene-2-carboxylate;
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     ethyl 3-(3-phenoxypropoxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(2-cyanobenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(3-cyanobenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(4-cyanobenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(2-benzenesulfonylmethylbenzyloxy)benzo[b]thiophene-2-carboxylate;
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     ethyl 3-(4-methoxycarbonylbenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(4-trifluoromethoxybenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-pentafluorophenylmethoxybenzo[b]thiophene-2-carboxylate;
     ethyl 3-(4-trifluoromethylbenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(naphthalen-2-ylmethoxy)benzo[b]thiophene-2-carboxylate;
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     ethyl 3-(biphenyl-2-ylmethoxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(3-methoxybenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(4-fluorobenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(4-bromobenzyloxy)benzo[b]thiophene-2-carboxylate;
     ethyl 3-(4-methylbenzyloxy)benzo[b]thiophene-2-carboxylate;
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     ethyl 3-benzyloxybenzo[b]thiophene-2-carboxylate;
     ethyl 3-(2,3-difluorobenzyloxy)benzo[b]thiophene-2-carboxylate;
     and also the stereoisomeric forms, and the racemates and pharmaceutically accep-
     table salts thereof.
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25 17. Process for the preparation of a compound of the formula (I) according to any one of the preceding claims, comprising the step consisting in using: a compound of the formula (IV)

with a halo derivative of the formula (V):

Hal-R1 (V)

in which R1-R6 are defined as in any one of the preceding claims, with an equimolar amount, in a polar solvent, at a temperature of from -20 to 200°C.

18. Process for the preparation of the compounds of the formula (I) according to Claim 17, for which the compound of the formula (IV) is obtained by adding a compound of the formula (II):

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in which R3-R6 and X are as defined in any one of Claims 1 to 16, and R represents a hydrogen atom or an alkyl radical, to a 2-haloethanone derivative of the formula (III):

in which Hal represents a halogen atom and R2 is as defined in any one of Claims 1 to 16, in a polar solvent, at a temperature of from -20 to 200°C, followed by cyclization in a polar solvent, at a temperature of from -20 to 200°C.

- 19. Process for the preparation of the compounds of the formula (I) according to Claim 17 or 18, for which the said polar solvent is chosen from: ethanol, methanol, water, DMF, NMP, DMSO and iPrOH.
- 5 20. Pharmaceutical compositions comprising the compounds of the formula (I):

**(l)** 

in which:

X = O or S;

R1 is chosen from:

10 -Alk-COOH,

 $-Alk-C(=O)-(O)_m-Ar$ ,

-Alk-C(=O)-(O) $_{m}$ -Het,

 $-Aik-C(=O)-(O)_m-Aik$ 

-Alk-C(=O)-(O)<sub>m</sub>-cycloalkyl,

-Alk-C(=O)NRR'

 $-Alk-(O)_m-Ar$ ,

-Alk-O-Alk,

-Alk-O-Alk-Ar,

-Alk-O-Het;

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R2 is chosen from -OH, -OAlk, -NR7R8, -OAr, -OHet and -O-cycloalkyl;

R7 is chosen from H and -Alk;

R8 is chosen from

-H;

25 -Alk' or -cycloalkyl,

in which Alk' or cycloalkyl is optionally substituted by one or more groups chosen from -OAlk, -CN, -OHet, -OH, -C(=O)-(O)<sub>m</sub>Alk, -C(=O)-(O)<sub>m</sub>Ar, -C(=O)-(O)<sub>m</sub>Het, -C(=O)-(O)<sub>m</sub>-cycloalkyl, -COOH and -NO<sub>2</sub>;

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-Ar' or Het',

in which Ar' or Het' is optionally substituted by one or more groups chosen from Hal, -OAlk, -OH, -Alk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -AlkAr, -COOH -NRR', -Het, -C(=O)-(O)<sub>m</sub>Alk, -C(=O)-(O)<sub>m</sub>Ar, -C(=O)-(O)<sub>m</sub>Het, -C(=O)-(O)<sub>m</sub>-cycloalkyl and NO<sub>2</sub>;

or R7 and R8 form, together with the nitrogen atom to which they are attached, a nitrogenous heterocycle of 5 to 10 atoms;

R3, R4, R5 and R6, which may be identical or different, are chosen independently from H, -Hal, -OH, -Alk, -OAlk, -CN, -CF<sub>3</sub>, -NRR' and -NO<sub>2</sub>;

in which, in the definitions of R1-R8:

each of the Alk, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -COOH, -NRR', -C(=O)-(O)<sub>m</sub>Alk, -Het and -NO<sub>2</sub>;

each of the Ar, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Alk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -AlkAr, -COOH, -C(=O)-(O)<sub>m</sub>Alk, -Alk-C(=O)-(O)<sub>m</sub>Alk, -NRR', -Het, -NO<sub>2</sub>, -S(O)<sub>n</sub>-Ar and -S(O)<sub>n</sub>Alk;

R and R' are chosen independently from H and Alk;

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and also the stereoisomers thereof, and the racemates and pharmaceutically acceptable salts thereof.

- 21. Pharmaceutical compositions according to Claim 17, in which X and R1-R6 are as defined according to any one of Claims 2 to 16.
- 22. Use of the compounds of the formula (I):

(1)

in which:

X = O or S;

R1 is chosen from:

5 -Alk-COOH,

-Alk-C(=O)-(O)<sub>m</sub>-Ar,

-Alk-C(=O)-(O) $_{m}$ -Het,

 $-Alk-C(=O)-(O)_m-Alk,$ 

-Alk-C(=O)-(O)<sub>m</sub>-cycloalkyl,

10 -Alk-C(=O)NRR',

-Alk- $(O)_m$ -Ar,

-Alk-O-Alk,

-Alk-O-Alk-Ar,

-Alk-O-Het;

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R2 is chosen from -OH, -OAlk, -NR7R8, -OAr, -OHet and -O-cycloalkyl;

R7 is chosen from H and -Alk;

R8 is chosen from

-H;

20 -Alk' or -cycloalkyl,

in which Alk' or cycloalkyl is optionally substituted by one or more groups chosen from -OAlk, -CN, -OHet, -OH, -C(=O)-(O)<sub>m</sub>Alk, -C(=O)-(O)<sub>m</sub>Ar, -C(=O)-(O)<sub>m</sub>Het, -C(=O)-(O)<sub>m</sub>-cycloalkyl, -COOH and -NO<sub>2</sub>;

-Ar' or Het',

in which Ar' or Het' is optionally substituted by one or more groups chosen from Hal, -OAlk, -OH, -Alk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -AlkAr, -COOH -NRR', -Het, -C(=O)-(O)<sub>m</sub>Alk, -C(=O)-(O)<sub>m</sub>Ar, -C(=O)-(O)<sub>m</sub>Het, -C(=O)-(O)<sub>m</sub>-cycloalkyl and NO<sub>2</sub>;

or R7 and R8 form, together with the nitrogen atom to which they are attached, a nitrogenous heterocycle of 5 to 10 atoms;

R3, R4, R5 and R6, which may be identical or different, are chosen independently from H, -Hal, -OH, -Alk, -OAlk, -CN, -CF<sub>3</sub>, -NRR' and -NO<sub>2</sub>;

in which, in the definitions of R1-R8:

each of the Alk, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -COOH, -NRR', -C(=O)-(O)<sub>m</sub>Alk, -Het and -NO<sub>2</sub>;

each of the Ar, which may be identical or different, is optionally and independently substituted by one or more groups chosen from -Hal, -OAlk, -Alk, -Ar, -OAlkAr, -OH, -CN,-OAr, -CF<sub>3</sub>, -AlkAr, -COOH, -C(=O)-(O)<sub>m</sub>Alk, -Alk-C(=O)-(O)<sub>m</sub>Alk, -NRR', -Het, -NO<sub>2</sub>, -S(O)<sub>n</sub>-Ar and -S(O)<sub>n</sub>Alk;

R and R' are chosen independently from H and Alk;

15 m = 0 or 1;

n = 0, 1 or 2;

and also the stereoisomers thereof, and the racemates and pharmaceutically acceptable salts thereof,

for the manufacture of a medicament for reducing hyperglycaemia.

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- 23. Use according to Claim 22, for which the said medicament is for the treatment of diabetes.
- 24. Utilisation according to Claim 22 or 23, for which the said medicament is for the treatment of non-insulin-dependent diabetes.
  - 25. Use according to Claim 22, 23 or 24, for which the said medicament is for the treatment of dyslipidaemia and/or obesity.
- 30 26. Use according to any one of Claims 22 to 25, for which the said medicament is for the treatment of and/or preventing diabetes-related microvascular and macrovascular complications.

27. Use according to Claim 26, for which the said microvascular and macrovascular complications are chosen from atherosclerosis, arterial hypertension, diabetes-related inflammatory processes, microangiopathy, macroangiopathy, retinopathy and neuropathy.

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28. Use according to any one of Claims 22 to 27, in which X and  $R_1$ - $R_6$  are as defined according to any one of Claims 1 to 16.